



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ducksoo Kim  
SERIAL NO. : 10/786,413  
FILED : February 25, 2004  
FOR : "METHOD FOR SURGICALLY JOINING A  
VENTRICULAR ASSIST DEVICE TO THE  
CARDIOVASCULAR SYSTEM OF A LIVING  
SUBJECT USING A PIERCING  
INTRODUCER ASSEMBLY"  
EXAMINER : unknown  
GROUP ART UNIT : 3764  
ATTORNEY'S DOCKET NO. : HTC-003

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commission for Patents, P.O. Box 1450, Mail Stop: Missing Parts, Alexandria, Virginia 22313-1450 on: July 20, 2004.

Attorney for applicant: David Paashken

Signature: David Paashken

Date: July 20, 2004

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MARKED UP VERSION OF AMENDED SPECIFICATION SUBMITTED  
PURSUANT TO 37 C.F.R.1.121(b)(1)(iii)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicant, in fulfillment of and in accordance with the requirements of 37 C.R.F. 1.121(b)(1)(iii), hereby submits a marked up version of amendments to the Specification which appear at the following locations: Original Page 14, lines 2-10, 12, 14, and 16 respectively; and which are presented as replacement Pages 14 and 14A herewith.

Respectfully submitted,

DUCKSOO KIM

Date: July 20, 2004

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Figs. 31A and 31B are illustrations of a second linking connector;

Figs. 32A and 32B [33B] are illustrations of a third linking connector;

Figs. 33A and 33 B [34A and 34B] are illustrations of a fourth linking connector;

Figs. 34A and 34B [35A and 35B] are illustrations of an unbranched tubular conduit;

Fig. 35 [36] is an illustration of a multi-branched tubular conduit;

Figs. 36A and 36B [37A and 37B] are illustrations of a first type of tubular conduit construction;

Figs. 37A and 37B [38A and 38B] are illustrations of a second type of tubular conduit construction;

Figs. 38A and 38B [39A and 39B] are illustrations of a third type of tubular conduit construction;

Figs. 39A and 39B [40A and 40B] are illustrations of a fourth type of tubular conduit construction;

Fig. 40 [41] is a cross-sectional illustration of a first style of internal lumen for a tubular conduit;

Fig. 41 [42] is a cross-sectional illustration of a second style of internal lumen for a tubular conduit;

Fig. 42 [43] is a cross-sectional illustration of a third style of internal lumen for a tubular conduit; and

Fig. 43 [44] is a cross-sectional illustration of a fourth style of internal lumen for a tubular conduit.

## DETAILED DESCRIPTION OF THE INVENTION

The present invention is an improved surgical method and technique for introducing communication conduits to receive and convey blood between an implanted ventricular assist device (VAD) and a living subject's cardiovascular system, such as between a cardiac chamber